The \$300,000 Gravity Sewer Plan Exhaustively Treated.

THE PROJECT APPROVED.

Mr. Croes Thinks the Present System Inadequate and Expensive.

A PNEUMATIC SYSTEM.

THE LOW AREA.

In making provision at this time for disposing of the sewage from this section of the city, there ought also to be included an additional area which is rapidly becoming occupied by residences, to the southeast of the new city hall and above the elevation on which it is situated. As nearly as can be estimated, the habitable area, more than thirty leet above the river, for which sewerage facilities and disposal ought to be provided, in 3,000 acres each of the development of the river within the river within sewerage must some day be provided, and another area of 2,500 acres west of the river within the river within the river which will need sewering. Both of these areas ile so low that there is no possibility of disposal of by gravity without pumping. The sewage from the 3500 acres lying on the higher levels can, however, be disposed of by gravity without pumping. The sewage from the 3500 acres lying on the higher levels can, however, be disposed of by gravity without pumping. The sewage from the 3500 acres lying on the higher levels can, however, be disposed of by gravity without pumping to other means requiring constant skilled labor, and the question for us to consider is whether the cost of such disposal would be greater or less than the apparently simpler mode of letting the sewage flow down to the lower level and pumping it to some distant outlet, such as the surplus canal, or rendering it into free flows and the consider is whether the cost of such disposal would be greater or less than the apparently simpler mode of letting the sewage flow down to the lower level and pumping it to some distant outlet, such as the surplus canal, or rendering it into the lordan river.

IMPROVEMENT ASSOCIATION.

Programme for the Y-L. M. I. Association of the lates from a serious of Status of the lates from a serious of Stat

VALUE OF THE SEWAGE.

In considering these alternative plans for disposing of the sewage, the market value of the effluent is very important. In the climate of Utah, water is the one commodity which makes land not only productive, but simply habitable, and the first thought which occurs to one on viewing the present method of sowage disposal in Salt Lake city, is that the city is expending annually a large sum to throw away and render absolutely valueless, a sufficient quantity of water to render productive more than 3,000 acres of farm land, and that too, water of a superior quality for irrigation purposes to any that could be procured from natural sources in the mountains, being not only enriched by domestic wastes, but raised in temperature.

Programme for the Young Ladies Mutal lund in provement association quarterly conference of Salt Lake stake to be held in the Assembly hall Tuesday, March 7, 1893.

APTERNOON SESSION, 2 P.M.

Opening song, "Arise My Soul Arise." Prayer-Singing, "Come Let Us Anew." Miscellaneous business.

Address, "The Gospel as Taught by Jesus Christ," Miss Annie Cannon, Fourteenth ward association.

Duct, Misses Prisse James and Beckie Mutal Inprovement association and the productive more than 0 tonly productive, but simply habitable, and the first thought which occurs to one on viewing the present method of sawage disposal in Salt Lake stake to be held in the Assembly hall Tuesday, March 7, 1893.

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Subject, "The Circulation of the Source of Salt Lake stake to be held in the Assembly hall Tuesday, March 7, 1893. Duet, Misses Prissie James and Bockie Seach, and a case against August Horny skilled for furniture, has a consected from natural enriched by domestic wastes, but raised in temperature.

In other climates, where water is plential, and the land needs no other fertition, and the land needs no other fertition of the same sufficiently remunerable to make the provent successful the water to flow to waste after having been rendered innoxious. None of the efforts have proven sufficiently remunerable to the state of the property and in taken charge of the property and in stalled Mr. P. Germa as manager.

Solo, Mrs. Florence Dinwoodey, Seventh and the land needs no other fertition, and the land needs no other fertition, and the land needs no other fertition.

Eventually the solid production of the state of the water to flow to waste after having been rendered innoxious. None of the efforts have proven sufficiently remunerable to water.

The Unit Commission, 137 South West Temple Street.

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The Unit Commission, 137 South West Temple Street.

Singling.

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Singling.

rant their anophion, except as it sanitary necessity, and it would be folly to attempt that mere where the conditions which call for their trial do not exist.

THE QUESTION OF DISPOSITION.

The first point to which my attention was turned was, therefore, the existence of a locality to which the sewage water could be diverted with the greatest benefit and at the least expenditure, and the entire territory to the west and north of the city was examined with that in view. Along the western front of the city, between the base of the hill and the surplus canal, a distance of three to five miles, the ground lies so low that the sewage from the hill cannot be distributed over the surface without being carried at least three miles in iron pipes under a head, and then either pumped from sumps or allowed to rise to above the surface. In the laster case the conduits would be inverted syphons in which the flow would be fluctuating and irregular, and they would be certainly frequently clogged by the deposits from the sewage, whether pumped or syphoned. There would be needed not less than three such conduits, five miles long, each capable of carrying there would further have to be not less than three such conduits, five miles long, each capable of pumping about 600,000 gallons an hour to a height of twenty feet. The annual cost of operating this pumping plant would not be less than 180,000 or annum, equivalent to the interest on a capital of \$400,000. This is pumping plant would not be less than three surples and pumping plants, capable of pumping about 600,000 gallons an hour to a height of twenty feet. The annual cost of operating this pumping plant would not be less than three surples and pumping plants, capable of pumping about 600,000 gallons an hour to a height of twenty feet. The annual cost of operating this pumping plant would not be less than three surples and pumping plants, capable of pumping plants, owing to the cost of the plant.

The present pumping 100,000 gallons an hour to a height of twenty feet. The annua

The territory on which this sewage would have to be distributed for irrigation is now supplied with water by gravity from the upper waters of the Jordan.

THE CITY ENGINEER'S PROJECT. This whole scheme appeared so unwieldly, complicated and expensive that attention was turned to the project recommended by the city engineer for conveying the sewage of the plateau by gravity Progress building, this afternoon at to a tract of landlying four miles north of the city, for which there is apparantly on supply of water available from mountain streams, all the water from the range to the eastward being already util-

ized on lands directly at the base of the mountain.

The very thorough surveys made by the city engineer, show that it will be practicable to intercept all the sewage howing from the city, above a plane thirty feet above the Jordan and convey it by a conduit to a total length of seven miles to the surface of the tract above mentioned, which lies between the foothills and the Jordan, has a soil suitable for immediate production of crops if moisture is supplied, and extends with a gentle slope several miles to the northward.

THE MOST PEASIBLE PLAN.

I have carefully examined the line and profile proposed for this conduit by the city engineer, and am of the opinion that

The Secretary Will his of Great Value for the Constitute of the Co

Programme for the Young Ladies Mu-

A cordial invitation is extended to the public and all interested to attend. Please D. bring your bynn books.

Many A. PRIEZE, Stake Pres. Ho

A Common sense Remedy.

In the matter of curatives what you want a something that will do its work while you continue to do yours—a remedy that will give you no inconvenience nor interfere with your business. Such a remedy is Allcock's Porous Plasters. These plasters are not an experiment; they have been in use for over thirty years, and their value has been attested by the highest medical authorities as well as by testimonials from those who have used them. They require no change of diet and are not affected by wet or cold. Their action does not interfere with labor or business, you can toil and yet be cared while hard at work. They are so pure that the youngest, the oldest, the most delicate person of either sex gan use them with great benefit.

Beware of immitations and do not be deceived by misrepresentations. Ask for Alloock's and let no solicitation or explanation induce you to accept a substitute.

An Incendiary's Attempt to Burn a Main Street Block.

KEROSENE WAS APPLIED.

Mrs. Smith Says Some One Wanted to Burn Her Out.

The Supreme Court.

Frank B. Stevens.
Governor—Arthur L. Thomas.
Secretary—Elliah Sells.
Surveyor General—E. Daggett.
Registrar United States Land Office—F.
D. Hobbs.

D. Hobbs.

Receiver United States Land Office—
Hoyt Sherman.



Already are spring vegetables in the market, and they are moderately abun-dant at fair prices. New California beets are 10c per bunch, three bunches for 25c Green beans 40c. per pound, asparagus 40c. per pound, French artichokes 10c. a flower and three for 25c.; radiabes 10c.

Flour lower, \$1 and \$1.15 a sack. Sugar tor Utah. Salt Lake city. is up, 16 lbs. for \$1.

been in office.

In the "Hartford." Assets over \$6,000,000 H. J. Grant & Co., Agents.

The attention of those deisiring to open savings accounts is called to the Deseret Savings bank, which allows interest on deposits at the rate of 5 per cent. per annum, compounded quarterly. Money to num, compounded quarterly. Money to loan on approved real estate security. Its officers are as follows:

JAMES T. LATTLE, President,

MOSES THATCHER, Vice-President,
E. A. SMITH, Cashier.

DIRECTORS

JNO. R. WINDER, J. R. BARNES, JAMES SHARP, D. H. PERRY, MOSES THATCHER, J. T. LITTLE, HENRY DINWOODEY, ELIAS A. SMITH, L. S. HILLS, W. W. RITER, J. C. CUTLER, F. W. JENNINGS. GEORGE ROMNEY.

Flour Is Down.

Wants to Know About Newton,
Deputy Sheriff Chase is in receipt of a letter from a resident of Salmon City, Or., inquiring as to the standing of Attorney William A. Newton, who left here rather, harriedly some months ago. It is evident from the tone of the letter that Newton has not changed for the better since his departure.

Only Four Drunks.

Flour is Down.

The millers of Utah having formed a Millers' association, will hold their next meeting at Logan on March 11, 1893, at 3 o'clock p. m., at the Logan House. Millers from all parts of the territory are urgently asked to be present, and if not members of the association, to join at that meeting. Millers wishing to attend this meeting apply to Alexander Rogers, Salt Lake city, president of the association, for reduced rates on transportation.

ALEXANDER HOGERS, President.

A Sure Cure for Piles.

Itching piles are known by moisture like perspiration, causing intense itching when warm. This form, as well as blind, bleeding or protruding, yield at once to Dr. Bosanko's Pile remedy, which acts directly on parts affected, absorbs tumors, allays itching and effects a permanent cure. 50 cents. Druggists or mail. Circulars free. Dr. Bosanko, Philadelphia, Pa. Sold by Godbe Pitts Drug Co. Corner Main and First South.

Charles S. Zane—Chief justice.

James A. Miner, Ogden—Associate justice.

J. W. Blackburn, Provo—Aasociate justice.

George W. Bartch, Salt Lake—Associate justice.

George W. Bartch, Salt Lake—Associate justice.

United States Marshal—I. A. Benton.
United States Attorney—C. S. Varian.
Assistant United States Attorney—Hornak B. Stevens.
Governor—Arthur L. Thomas.
Secretary—Elljah Sells.

Surveyor General—E. Daggett.

Chinton, Missouri.

Mr. A. L. Armstrong, an old druggist, and a prominent citizen of this enterprizing town, says: "I sell some forty different kinds of cough medicines, but have never in my experience sold so much of any one article as I have of Ballard's Horehound Syrup. All who use it say it is the most perfect remedy for cough, cold, consumption and all diseases of the throat and lungs, they have ever tried." It is a specific for croup and whooping cough. It will relieve a cough in one minute. Contains no opinites Sold by Z. C. M. I. Drug Dept. Z. C. M. I. Drug Dept.

A Sound Lover stanes a Well Man. Beceiver United States Land Office—
Hoyt Sherman.
United States Signal Officer—George N.
Ballsbury.

Buckten's Arnica Salve.
The best salve in the world for cats, bruises, sores, ulcers, salt rheum, fever sores, tetter, chapped hands, chilblains, coros and all skin eruptions, and positively cures piles, or no pay required. It is guaranteed to give periect estisfaction, or money refunded. Price, 25 cents per box. For sale by A. C. Smith & Co.

Are you billous, constipated or troubled with jaundies, sick headache, bad faste in the mouth, foul breath, coated tongue, dyspepsia, indigestion, hot, dry skin, pain in back and between the shoulders, chilis and fever, etc.? If you have any of these symptoms your liver is out of order and your blood is slowly being coisoned because your liver any disorder of the liver, stomach or bow-els. It has no equal as a liver medicine. Price, 75 cents. Free trial bottle at Z. C. M. 1. drug department.





Mrs. C. B. Card Oakland, Cal.

Made Over Anew

Chronic Headache Cured-Weak Lungs Made Strong and Well, For years I had sick headaches every day, and -I also had very weak lungs. Since I have been taking Hood's Sarsaparilla, I have - been entirely cured of headaches; and my

- lungs are strong and well. Friends often say How Well You're Looking. I tell them it is due to Hood's Sarsaparilla. I —em small in stature—never weighed over - 100 pounds before taking Hood's Sarsapa-rilla, and at the time I began taking it I had - run dawn to 85 pounds, but now I weigh - 111%. My friends thought I would be dead — long ago, but I am perfectly well. I am — unable to express my thanks for the good

Hood's Sarsaparilla has done me." Mrs. C. B. Camb, 1915 Adeline
—Street, Oakland, California.

Hood's Pills cure all Liver Ills, Billous-ess, Jaundice, Indigestion, Sick Headache.





RESULTS ARE WHAT TELL arantee that one of these pills at a dose, will be better results in the ourse of Headachs ness, flour Stomson, Bad Breath and Borst-tan breeto five of any other make, and do it is griping and siekenius. Their wonderful makes you feed like a new being. Bo. a hox list or mail. Bosanko Med. Co., Parlia, Fu. For sale by Godbe-Pitts Drug Co.



WE HEREBY PROMISE

To refund all money paid us for HALLER'S REMEDIES if you are not BENEFITED by their USE. These preparations consist of

SURE CURE COUCH SYRUP AUSTRALIAN SALVE, BLOOD PURIFIER, PAIN PARALYZER SARSAPARILLA and BURDOCK (Compound) CONDITION POWDERS

BARB WIRE LIMIMENT. CORN CURE LITTLE GERMAN PILLS. and are ABSOLUTELY GUARANTEED by is. NO CURE, NO PAY. You take no

All Druggista.

SAMLEVY. "THE FAMOUS" 171 & 173 S. Main St. Salt Lake City, U.T.



Beware of Imitation

Hood's Cures James - Spencer - Bateman Co.

Successors to DAVID JAMES & CO.,

PLUMBERS, TINNERS,

Steam and Gas Fitters.

We also carry a complete line of Gem and Peninsular Stoves and Ranges, Gasoline and Oil Stoves, Tinware, Granits iron Ware and House Furnishing Goods.

67 MAIN STREET.

FRASER & CHALMERS

INCORPORATED

WORKS, CHICAGO,

Salt Lake C'+v Office, 7 W. Second South. L. C. Trent, Mgr.

---- MANUFACTURERS OF -----

MINING MACHINERY

Steam Engines, Boilers, CABLE AND ELECTRIC RAILOAD POWER PLANTS

And All Kinds of Machinery for the Systematic Milling, Smelting and Concentration of Gold, Silver, Copper, Lead and Tin Ores. BLOWING ENGINES, COPPER CONVERTERS AND ELECTROLYTIC REFINING PLANTS.

SHAFTING AND PULLEYS. MINING SUPPLIES. Sectional Machinery for Mule-Back Transportation a Specialty.

General Agents For-Rand Drills, Knowles & Blake Pumps, Root Blowers, Leffel & Pelton Water Wheels, Trenton Wire Rope and Tramways, Lidgerwood Holata, Taylor Wire Cloth and Chromo Steal Works for Stamp Shoes and Dies and other Steel Castings.

Will reduce stock prior to arrival of New Goods which are en route.

Will sell at a sacrifice

Men's Boots \$1.75 a pair.

Heavy Blankets, \$1.50 a pair.

Horse Blankets, 60c. a pair. Ingrain Carpets, 55c., reduced now to 40c.

Three-Ply Carpets, \$1.10, reduced now to

Bed Comforts, 75c., \$1.00, \$1.25. Ladies' Newmarkets, \$2.00, \$3.00, \$4.00

half price. Try our \$3.00 Men's Pants.

Flour. Flour. Flour. \$1.75 and \$2.00 per cwt.

AT . . : S. P. Teasdel.

ELIAS MORRIS'

New Stock of Mantels Has Arrived. Call and see the

Finest Designs in Mantels AND TILING. ENTIRE NEW SHADES IN TILES. Show Rooms at 21 & 23

WEST, SOUTH TEMPLE STREET.

Utah & Montana Machinery Co.

Mining Machinery

Engines, Bollers, Steam Pumps, Air Compressors, Ingersol Sergeant Rock Drill, Wire Rope, etc., etc. Standard Passenger Elevators. Estimates made for Concentrating and Stamp Mills and Smelter Plants. Electric Light and Power Plants.

259 S. Main Street, Salt Lake City, Utah.

PALACE HOTEL,

The Only First-class Commercial House in the City. Electric Lighted, Heated by Steam Throughout. Bath and Closets at each floor. Fine Bar and Billiard Rooms, "Sample Rooms." Everything pertaining to a first-class Establishment. Special Rates to Theatrical and Commercial Men.

ROBERT MURDOCK, Owner and Manager.